



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 145994

TO: Ruixiang Li
Location: rem/4d75/4c70
Art Unit: 1646
Monday, February 28, 2005

Case Serial Number: 09/924125

From: Edward Hart
Location: Biotech-Chem Library
REM-1A55
Phone: 571-272-2512

edward.hart@uspto.gov

Search Notes

Examiner Li,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

Edward Hart

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STIC-Biotech/ChemLib

From: Li, Ruixiang
Sent: Wednesday, February 23, 2005 4:23 PM
To: STIC-Biotech/ChemLib
Subject: Sequence search of Application No.09/924,125

Please do a standard search on:

SEQ ID NO: 2 against interferenc amino acid databases.

Thank you very much!

Ruixiang Li
GAU 1646
REM 4D75
Mail Box 4C70
(571) 272-0875

STAFF USE ONLY

Searcher: _____
Searcher Phone: 2- _____
Date Searcher Picked up: 2/23/05
Date Completed: 2/23/05
Searcher Prep/Rev. Time: _____
Online Time: _____

Type of Search

NA Sequence: # _____
AA Sequence :# 1
Structure: # _____
Bibliographic: _____
Litigation: _____
Patent Family: _____
Other: _____

Vendors and cost where applicable

STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: QAP
WWW/Internet: _____
Other(Specify): _____

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: February 26, 2005, 18:55:50 ; Search time 43 Seconds
(without alignments)
578.096 Million cell updates/sec

Title: US-09-924-125-2
Perfect score: 1731
Sequence: 1 MNTTVMQGFNRSERCPRDTR.....KTTASSQENHSSQTDNITLG 333

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Query Length	DB ID	Description
1	1731	100.0	333	4	US-09-520-781-2 Sequence 2, Appli
2	1725	99.7	333	3	US-09-221-456-2 Sequence 2, Appli
3	1725	99.7	333	3	US-09-558-740-2 Sequence 2, Appli
4	1697	98.0	333	2	US-08-812-871-1 Sequence 1, Appli
5	1098.5	63.5	293	2	US-08-467-948A-6 Sequence 6, Appli
6	1098.5	63.5	293	3	US-08-467-947A-6 Sequence 6, Appli
7	829	47.9	342	3	US-08-852-824-2 Sequence 2, Appli
8	829	47.9	342	4	US-09-745-842-6 Sequence 6, Appli
9	829	47.9	342	4	US-09-780-576-2 Sequence 2, Appli
10	829	47.9	363	4	US-09-949-016-8187 Sequence 8187, Ap
11	816	47.1	315	4	US-09-745-842-4 Sequence 4, Appli
12	807	46.6	343	4	US-09-745-842-2 Sequence 2, Appli
13	777	44.9	325	2	US-08-467-948A-29 Sequence 29, Appli
14	777	44.9	325	3	US-08-467-947A-29 Sequence 29, Appli
15	777	44.9	338	3	US-08-988-876-8 Sequence 8, Appli
16	777	44.9	338	3	US-09-303-524A-2 Sequence 2, Appli
17	777	44.9	338	4	US-09-745-842-13 Sequence 13, Appli
18	777	44.9	338	4	US-09-919-497-77 Sequence 77, Appli
19	677.5	39.1	358	3	US-08-988-876-3 Sequence 3, Appli
20	677.5	39.1	358	4	US-09-919-172-22 Sequence 22, Appli
21	584.5	33.8	267	4	US-09-745-842-12 Sequence 12, Appli
22	505.5	29.2	319	1	US-08-702-344-28 Sequence 28, Appli
23	505.5	29.2	319	4	US-09-745-842-20 Sequence 20, Appli
24	391.5	22.6	381	4	US-09-745-842-21 Sequence 21, Appli
25	369	21.3	361	4	US-09-170-496D-206 Sequence 206, App
26	366.5	21.2	339	4	US-09-170-496D-182 Sequence 182, App
27	365	21.1	110	4	US-09-513-999C-4925 Sequence 4925, Ap

28	365	21.1	361	1	US-08-383-750-4	Sequence 4, Appli
29	365	21.1	361	3	US-08-352-678-4	Sequence 4, Appli
30	365	21.1	361	4	US-09-536-954-4	Sequence 4, Appli
31	365	21.1	361	4	US-09-170-496D-78	Sequence 78, Appli
32	365	21.1	361	4	US-09-929-583B-4	Sequence 4, Appli
33	365	21.1	361	5	PCT-US93-09636-4	Sequence 4, Appli
34	363.5	21.0	339	1	US-08-153-848-44	Sequence 44, Appli
35	363.5	21.0	339	2	US-08-812-871-3	Sequence 3, Appli
36	363.5	21.0	339	3	US-09-299-843A-44	Sequence 44, Appli
37	363.5	21.0	339	3	US-09-088-337B-44	Sequence 44, Appli
38	363.5	21.0	339	4	US-09-170-496D-32	Sequence 32, Appli
39	363.5	21.0	339	5	PCT-US93-11153-44	Sequence 44, Appli
40	363.5	21.0	339	5	PCT-US95-07180-2	Sequence 2, Appli
41	360.5	20.8	381	1	US-08-467-125-2	Sequence 2, Appli
42	360.5	20.8	381	2	US-08-911-320A-2	Sequence 2, Appli
43	360.5	20.8	381	3	US-09-217-101-2	Sequence 2, Appli
44	359	20.7	348	3	US-08-852-824-17	Sequence 17, Appli
45	357	20.6	216	4	US-09-690-454-69	Sequence 69, Appli

ALIGNMENTS

RESULT 1
US-09-520-781-2
; Sequence 2, Application US/09520781
; Patent No. 6689866
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
; FILE REFERENCE: 15966-540 No. 6689866el Polynucleotides
; CURRENT APPLICATION NUMBER: US/09/520,781
; CURRENT FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-520-781-2

Query Match 100.0%; Score 1731; DB 4; Length 333;
Best Local Similarity 100.0%; Pred. No. 2.7e-134;
Matches 333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVLTGILLNTLALWVVFHSPSSSTFIYY	60
Db	1	MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVLTGILLNTLALWVVFHSPSSSTFIYY	60
Qy	61	LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGIVLLGLIAFDR	120
Db	61	LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGIVLLGLIAFDR	120
Qy	121	FLKIIRPLRNIFLKPPVFAKTVSIFWFFLFFISLPMNMLSKEATPSSVKKCASLKGPL	180
Db	121	FLKIIRPLRNIFLKPPVFAKTVSIFWFFLFFISLPMNMLSKEATPSSVKKCASLKGPL	180
Qy	181	GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKKLEGVFVVV	240
Db	181	GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKKLEGVFVVV	240
Qy	241	AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIKETTFLAATNICMDPLIYIFLC	300
Db	241	AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIKETTFLAATNICMDPLIYIFLC	300
Qy	301	KKFTEKLPQMGRKTTASSQENHSSQTDNITLG	333
Db	301	KKFTEKLPQMGRKTTASSQENHSSQTDNITLG	333

RESULT 2

US-09-221-456-2
; Sequence 2, Application US/09221456
; Patent No. 6162899
; GENERAL INFORMATION:
; APPLICANT: SATHE, GANESH
; APPLICANT: HALSEY, WENDY
; APPLICANT: MUIR, ALISON
; APPLICANT: CHAMBERS, JON
; APPLICANT: SZEKERES, PHILIP
; TITLE OF INVENTION: METHODS OF SCREENING FOR AGONISTS
; TITLE OF INVENTION: AND ANTAGONISTS OF THE HNEAA81 RECEPTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ratner & Prestia
; STREET: P.O. Box 980
; CITY: Valley Forge
; STATE: PA
; COUNTRY: USA
; ZIP: 19482
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/221,456
; FILING DATE: 28-DEC-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/956,975
; FILING DATE: 23-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Prestia, Paul F
; REGISTRATION NUMBER: 23,031
; REFERENCE/DOCKET NUMBER: GH-70318-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-407-0700
; TELEFAX: 610-407-0700
; TELEX: 846169
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 333 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-221-456-2
Query Match 99.7%; Score 1725; DB 3; Length 333;
Best Local Similarity 99.7%; Pred. No. 8.5e-134;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MNTTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVFWHIPSSSTFIY 60
Db 1 MNTTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVFWHIPSSSTFIY 60
QY 61 LKNTLVADLIMTLMPLPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVLLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPLPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVLLGLIAFDR 120
QY 121 FLKIIIRPLRNIFLKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKASLKGPL 180
Db 121 FLKIIIRPLRNIFLKPVFAKTVSIFWFFLFFISLPNTILSNKEATPSSVKKASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKLEGGVFWV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKLEGGVFWV 240
QY 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLRLQNLFIKETTFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLRLQNLFIKETTFLAATNICMDPLIYIFLC 300
QY 301 KKFTKLPQMGKRKTTASSQENHSSQTDNITLG 333

Db 301 KKFTKLPQMGKRKTTASSQENHSSQTDNITLG 333
RESULT 3
US-09-558-740-2
; Sequence 2, Application US/09558740
; Patent No. 6358695
; GENERAL INFORMATION:
; APPLICANT: SATHE, GANESH
; APPLICANT: HALSEY, WENDY
; APPLICANT: MUIR, ALISON
; APPLICANT: CHAMBERS, JON
; APPLICANT: SZEKERES, PHILIP
; TITLE OF INVENTION: METHODS OF SCREENING FOR AGONISTS AND
; TITLE OF INVENTION: ANTAGONISTS OF THE HNEAA81 RECEPTOR
; FILE REFERENCE: GH-70318-2
; CURRENT APPLICATION NUMBER: US/09/558,740
; CURRENT FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 08/956,975
; PRIOR FILING DATE: 1997-10-23
; PRIOR APPLICATION NUMBER: 09/221,456
; PRIOR FILING DATE: 1998-12-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 333
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-558-740-2

Query Match 99.7%; Score 1725; DB 3; Length 333;
Best Local Similarity 99.7%; Pred. No. 8.5e-134;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MNTTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVFWHIPSSSTFIY 60
Db 1 MNTTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVFWHIPSSSTFIY 60
QY 61 LKNTLVADLIMTLMPLPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVLLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPLPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVLLGLIAFDR 120
QY 121 FLKIIIRPLRNIFLKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKASLKGPL 180
Db 121 FLKIIIRPLRNIFLKPVFAKTVSIFWFFLFFISLPNTILSNKEATPSSVKKASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKLEGGVFWV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKLEGGVFWV 240
QY 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLRLQNLFIKETTFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLRLQNLFIKETTFLAATNICMDPLIYIFLC 300
QY 301 KKFTKLPQMGKRKTTASSQENHSSQTDNITLG 333
Db 301 KKFTKLPQMGKRKTTASSQENHSSQTDNITLG 333

RESULT 4
US-08-812-871-1
; Sequence 1, Application US/08812871
; Patent No. 5955303
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; APPLICANT: Guegler, Karl
; APPLICANT: Muzong Cheng
; TITLE OF INVENTION: NOVEL HUMAN CHEMOKINE RECEPTOR-LIKE
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/812,871
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0237 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 333 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
LIBRARY: MMLR3DT01
CLONE: 568987
US-08-812-871-1

Query Match 98.0%; Score 1697; DB 2; Length 333;
Best Local Similarity 98.5%; Pred. No. 1.7e-131;
Matches 328; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 1 MNTTVMQGFNSRERCPDRTRIVQLVFPALYTVVFLTGILLNTLALWVFHIPPSSSTFIY 60
Db 1 MNTTVMQGFNSRERCPDRTRIVQLVFPALYTVVFLTGILLNTLALWVFHIPPSSSTFIY 60
QY 61 LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGIVLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGIVLGLIAFDR 120
QY 121 FLKIIIRPLRNIFLKPKVPFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKASLKGPL 180
Db 121 FLKIIIRPLRNIFLKPKVPFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVYVVIKVVDSYRKSCKDKRNNKKEGKVFVV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVYVVIKVVDSYRKSCKDKRNNKKEGKVFVV 240
QY 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIKETTFLAATNICMDPLISIFLC 300
Db 241 PVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIKETTFLAATNICMDPLISIFLC 300
QY 301 KKFTEKLPCMQRKTKTASSQENHSSQTDNITLG 333
Db 301 KKFTEKLPCMQRKTKTASSQENHSSQTDNITLG 333

RESULT 5
US-08-467-948A-6
; Sequence 6, Application US/08467948A
; Patent No. 5998164
; GENERAL INFORMATION:
; APPLICANT: LI, YI
; APPLICANT: CAO, LIANG
; APPLICANT: NI, JIAN
; APPLICANT: GENTZ, REINER

APPLICANT: BULT, CAROL J.
APPLICANT: SUTTON III, GRANGER G.
APPLICANT: ROSEN, CRAIG A.
TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 NEW YORK AVE., NW, SUITE 600
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,948A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04079
FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1140003/EKS/KLM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 293 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-467-948A-6

Query Match 63.5%; Score 1098.5; DB 2; Length 293;
Best Local Similarity 76.8%; Pred. No. 1.5e-82;
Matches 225; Conservative 14; Mismatches 43; Indels 11; Gaps 4;
QY 1 MNTTVMQGFNSRERCPDRTRIVQLVFPALYTVVFLTGILLNTLALWVFHIPPSSSTFIY 60
Db 1 MNTTVMQGFNSRERCPDRTRIVQLVFPALYTVVFLTGILLNTLALWVFHIPPSSSTFIY 60
QY 61 LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGIVLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGIVLGLIAFDR 120
QY 121 FLKIIIRPLRNIFLKPKVPFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKASLKGPL 180
Db 121 FLKIIIRPLRNIFLKPKVPFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVYVVIKVVDSYRKSCKDKRNNKKEGKVF--- 237
Db 181 GLKWHQMVNNICQIFWTVFILMLVYVVIKVVDSYRKSCKDKRNNKKEGKVF--- 237
QY 238 ---VVAVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIKETTFLAAT 287
Db 241 LSSLCVLLHFIS-PEFHILTVPKPTIRLT---VDCKI-NCLLLKKQLSFWQLT 288

RESULT 6
US-08-467-947A-6
; Sequence 6, Application US/08467947A
; Patent No. 6090575
; GENERAL INFORMATION:
; APPLICANT: LI, YI
; APPLICANT: CAO, LIANG
; APPLICANT: NI, JIAN

APPLICANT: GENTZ, REINER
APPLICANT: BULT, CAROL J.
APPLICANT: SUTTON III, GRANGER G.
APPLICANT: ROSEN, CRAIG A.
TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein
TITLE OF INVENTION: Coupled Receptor GPR1
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 NEW YORK AVE., NW, SUITE 600
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,947A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04079
FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1140002/EKS/KLM
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
- INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 293 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-467-947A-6

Query Match 63.5%; Score 1098.5; DB 3; Length 293;
Best Local Similarity 76.8%; Pred. No. 1.5e-82;
Matches 225; Conservative 14; Mismatches 43; Indels 11; Gaps 4;
QY 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPPSSSTFIY 60
Db 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPPSSSTFIY 60
QY 61 LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGVLLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGVLLGLIAFDR 120
QY 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
Db 121 FLKIIRPLRNIFLKKPVWGTVSIFWFFWFFISLPNMILSNKEATPSSVKKCASLKGPL 180
QY 181 GLKWHQMVNNICQFIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKLEGKVF--- 237
Db 181 GLKWHQMVNNICQFIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKLEGKVF--- 237
QY 238 ---VVAVFFVCFAPEHARVPYTHSQTNKTDCLQNQLFIKETTFLAAT 287
Db 241 LSSLCVLLHFIS-PEFHILTVKPTIRLT---VDCKI-NCLLLKKQLSFWQOLT 288

RESULT 7
US-08-852-824-2
Sequence 2, Application US/08852824C
Patent No. 6060272
GENERAL INFORMATION:
APPLICANT: Li et al.
TITLE OF INVENTION: Human G-Protein Coupled Receptors

FILE REFERENCE: 1488.1220000
CURRENT APPLICATION NUMBER: US/08/852,824C
CURRENT FILING DATE: 1997-05-04
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 342
TYPE: PRT
ORGANISM: genomic
US-08-852-824-2
Query Match 47.9%; Score 829; DB 3; Length 342;
Best Local Similarity 49.1%; Pred. No. 2.1e-60;
Matches 155; Conservative 57; Mismatches 102; Indels 2; Gaps 1;
QY 15 CPRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPPSSSTFIYLNKTLVADLIMTLM 74
Db 17 CTRDYKITQVLFPLLYTVLFFVGLITNGLAMRIFFQIRSKSNFIIFLKNVISDLMLT 76
QY 75 LPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGVLLGLIAFDRFLKIIRPLRNIFLK 134
Db 77 FPFKILSDAKLGTGPLRTFVCQTSVIFYETMYISISFLGLITIDRYQKTRPFKTSNPK 136
QY 135 KPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKCASLKGPLGKWHQMVNNICQF 194
Db 137 NLLGAKILSVVIWAFMFLSLPNMILTNRQPRDKNVKKCSFLKSEFGLVWHEIVNYICQV 196
QY 195 IFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKLEGKVFVVVAVFFVCFAPEHAR 254
Db 197 IFWINFLIVICYTLITKELYRSYVTRGVGVKPRKKNVVKVFIILIAVFFICFVPEHAR 256
QY 255 VPYTHSQTNKTDCLQNQLFIKETTFLAATNICMDPLIYIFLCKKTEKLPQM--G 312
Db 257 IPYTLISQTRDVFDC TAENTLFYVKESTLWLTSLNACLDPPFIYFFLCKSFRNSLSMLKCP 316
QY 313 RKTTASSQENHSSQTD 328
Db 317 NSATSLSQDNRKKEQD 332

RESULT 8
US-09-745-842-6
Sequence 6, Application US/09745842
Patent No. 6762029
GENERAL INFORMATION:
APPLICANT: Conley, Pamela B.
APPLICANT: Jantzen, Hans-Michael
APPLICANT: Ramakrishnan-DuBridge, Vanitha
APPLICANT: Julius, David
APPLICANT: Hollopeter, Gunter
APPLICANT: COR Therapeutics, Inc.
TITLE OF INVENTION: P2Y12 Receptor
FILE REFERENCE: 44481-5053-US
CURRENT APPLICATION NUMBER: US/09/745,842
CURRENT FILING DATE: 2000-12-26
PRIOR APPLICATION NUMBER: US 60/171,622
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 342
TYPE: PRT
ORGANISM: Homo sapiens
US-09-745-842-6
Query Match 47.9%; Score 829; DB 4; Length 342;
Best Local Similarity 49.1%; Pred. No. 2.1e-60;
Matches 155; Conservative 57; Mismatches 102; Indels 2; Gaps 1;
QY 15 CPRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPPSSSTFIYLNKTLVADLIMTLM 74
Db 17 CTRDYKITQVLFPLLYTVLFFVGLITNGLAMRIFFQIRSKSNFIIFLKNVISDLMLT 76

QY	133	LKPPVFAKTVSIFIFWFFLFFISLBNMILSNKEATPSSVKKCASLKGPLCLKWHQMVNNIC	192
Db	131	IQSVSYSKLLSVIVMMLMLLLAVENIILTNQSVREVTQIKCIELKSELGRKWHKASNYIF	190
QY	193	QIFPWTVFILMLVFYVYVIAKKVYDSYRKSKSDRKQNKKLEKGVFVVVAFFVCFAPFHF	252
Db	191	VAIFWIVFLLLVIFYTATTKKJFKSHLKSSRNSTSVKKKSSRNIFSIVFVFFVCFVPYHI	250
QY	253	ARVPYTHSQTNKTDCLRLQNLFIKETTFLAATNICMDPLIYIFLCKKFTTEKL	307
Db	251	ARIPYTKSQTEAHYSQSQSEILRYMKEFTLLLSAANVCLDPIIYFFLCOPFREIL	305

RESULT 14
US-08-467-947A-29
; Sequence 29, Application US/08467947A
; Patent No. 6090575
; GENERAL INFORMATION:
; APPLICANT: LI, YI
; APPLICANT: CAO, LIANG
; APPLICANT: NI, JIAN
; APPLICANT: GENTZ, REINER
; APPLICANT: BULT, CAROL J.
; APPLICANT: SUTTON III, GRANGER G.
; APPLICANT: ROSEN, CRAIG A.
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein
; TITLE OF INVENTION: Coupled Receptor GPR1
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVE., NW, SUITE 600

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,947A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04079
FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1140002/EKS/KLM
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-467-947A-29

	Query Match	44.9%;	Score 777;	DB 3;	Length 325;
	Best Local Similarity	47.5%;	Pred. No. 3.7e-56;		
	Matches 140;	Conservative 54;	Mismatches 101;	Indels 0;	Gaps 0;
Qy	13	ERCPRDTRIVQLVFPALYTVVVPLTGILNTLALWVFHIPSSTFIYLKNTLVADLLMT	72		
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Dd	11	ESCSQNLLITQQIIPVLVCMVFIAGILLNGVSGWIFFYVPSSKSFIYLYKNIVIADFVMS	70		
Qy	73	LMLPFKILSDSHLAPWLRAFVCVRFS SVIFETMYVGIVLLGLIAFDRFLKIIRPLRNIF	132		

Db	71	LTFPFKILGDSGLGPWQLNVFCRVSAVLFYVNMVYSIVFFGLISFDRYYKIVKPLWTSF	130
Qy	133	LKKPVFAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCSLKGPLGLKWHQMVNNIC	192
Db	131	IQSVSYSKLLSVIVNMLMLLAVPNILTNQSVREVTQIKCIELKSELGRKWHKASNYIF	190
Qy	193	QFIFWTVFILMLVFYVVIKAKVYDSYRKSKSKORKNNKLEGKVVFVVAVVFCFAPFHF	252
Db	191	VAIFWIVFLLLIVFYTAITKKIFKSHLKSSRNSTSVKKSSRNIPSFVFFVFCFVPYHI	250
Qy	253	ARVPYTHSQTNKTDCLRQLQFLIAKETTLFLAATNICMDPLIYIFLCKKFTKEL	307
Db	251	ARIPYTKSQTEAHYSCOSKEILRYMKEFTLLLSAANVCLDPIIYFFLCQPFREIL	305

RESULT 15
 US-08-988-876-8
 ; Sequence 8, Application US/08988876
 ; Patent No. 6063596
 ; GENERAL INFORMATION:
 ; APPLICANT: Lal, Preeti
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Yue, Henry
 ; TITLE OF INVENTION: G PROTEIN COUPLED RECEPTORS ASSOCIATED
 ; TITLE OF INVENTION: WITH IMMUNE RESPONSE
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/988,876
 ; FILING DATE: Herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0441 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650-855-0555
 ; TELEFAX: 650-845-4166
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 338 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 285995
 ; US-08-988-876-8

Query Match	44.9%;	Score 777;	DB 3;	Length 338;
Best Local Similarity	47.5%;	Pred. No. 3.9e-56;		
Matches 140;	Conservative 54;	Mismatches 101;	Indels 0;	Gaps 0;

QY	13	ERCPRDTRIVQLVFPALYTVVFELTGILLNTLALWVFVHIPSSSTFIYLYKNTLVADLIMT	72
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Dd	12	ESCSQNLITQOIIPVLYCMVFIAGILLNGVSGMIFVYVPSSKSFIIYLYKNIVIAADFVMS	71

QY	73	LMLPFKILSDSHLAPWQLRAFCRESSVIFVETMYVGIVLLGLIAFDRFLKIIIRPLRNIF	132
Db	72	LTFPFKILGDSGLGPWQLNVFCRVSAVLFYVNMYSIVFFGLISFDRYYKIVKPLWTSF	131
QY	133	LKKPVFAKTVSIFTWFFLFFISLPNMILSNKEATPSSVKKCASLKGPLGLKWHQMVNNIC	192
Db	132	IQSVSYSKLLSVIVWMLMLLLAVPNIILTNSVREVTQIKCIELKSELGRKWHKASNYIF	191
QY	193	QFIFWTVFILMLVEYVVIKVVDSYRKSKDKRNKKLEKGVFVVAVVFFVCFAPEHF	252
Db	192	VAIFWIVFLLLIIFYTAITKIFKSHLKSSRNSTSVKKSSRNIFSIVFVFFVCVFPYHI	251
QY	253	ARVPYTHSQTNNKTDCLRLOQLFIAKETTLFLAATNICMDPLIYIFLCKKFTekl	307
Db	252	ARIPYTKSQTEAHYSCQSKEILRYMKEFTLLLSAANVCLDPPIIYFFLCQPFREIL	306

Search completed: February 26, 2005, 19:15:42
Job time : 45 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: February 26, 2005, 19:04:26 ; Search time 134 Seconds
(without alignments)
815.215 Million cell updates/sec

Title: us-09-924-125-2
Perfect score: 1731
Sequence: 1 MNTVMQGFNRSEPCRDTR.....KTTASSQENHSSQTDNITLG 333

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1385339 seqs, 328044528 residues

Total number of hits satisfying chosen parameters: 1385339

Minimum DB seq length: 0
Maximum, DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
Published Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
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7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1731	100.0	333	10	US-09-924-125-2 Sequence 2, Appli
2	1731	100.0	333	10	US-09-957-187-2 Sequence 2, Appli
3	1731	100.0	333	14	US-10-243-106-2 Sequence 2, Appli
4	1731	100.0	333	14	US-10-225-567A-514 Sequence 514, App
5	1731	100.0	333	15	US-10-352-684A-34 Sequence 34, Appli
6	1731	100.0	333	15	US-10-308-968-2 Sequence 2, Appli
7	1731	100.0	333	17	US-10-781-581-179 Sequence 179, App
8	1725	99.7	333	9	US-09-769-159-2 Sequence 2, Appli
9	1725	99.7	333	10	US-09-875-076-18 Sequence 18, Appli
10	1725	99.7	333	10	US-09-876-252-20 Sequence 20, Appli
11	1725	99.7	333	14	US-10-272-983-18 Sequence 18, Appli
12	1725	99.7	333	14	US-10-393-807-18 Sequence 18, Appli
13	1725	99.7	333	15	US-10-408-572-2 Sequence 2, Appli

14	1725	99.7	333	15	US-10-417-820A-20 Sequence 20, Appli
15	1725	99.7	333	15	US-10-343-650A-78 Sequence 78, Appli
16	1725	99.7	333	16	US-10-723-955-20 Sequence 20, Appli
17	1725	99.7	333	16	US-10-782-956-18 Sequence 18, Appli
18	1723	99.5	333	14	US-10-189-576-2 Sequence 2, Appli
19	1710	98.8	333	15	US-10-692-605-8 Sequence 8, Appli
20	1697	98.0	333	9	US-09-848-889-1 Sequence 1, Appli
21	1697	98.0	333	14	US-10-100-982-1 Sequence 1, Appli
22	1114.5	64.4	314	15	US-10-264-237-2586 Sequence 2586, Ap
23	1098.5	63.5	293	14	US-10-024-494-6 Sequence 6, Appli
24	829	47.9	342	9	US-09-835-922-2 Sequence 2, Appli
25	829	47.9	342	9	US-09-827-937A-2 Sequence 2, Appli
26	829	47.9	342	9	US-09-780-576-2 Sequence 2, Appli
27	829	47.9	342	9	US-09-964-008-1 Sequence 1, Appli
28	829	47.9	342	10	US-09-875-076-32 Sequence 32, Appli
29	829	47.9	342	10	US-09-876-252-34 Sequence 34, Appli
30	829	47.9	342	10	US-09-745-842-6 Sequence 6, Appli
31	829	47.9	342	14	US-10-225-567A-643 Sequence 643, App
32	829	47.9	342	14	US-10-333-844-2 Sequence 2, Appli
33	829	47.9	342	14	US-10-272-983-32 Sequence 32, Appli
34	829	47.9	342	14	US-10-417-820A-34 Sequence 34, Appli
35	829	47.9	342	15	US-10-393-807-32 Sequence 32, Appli
36	829	47.9	342	15	US-10-343-650A-26 Sequence 26, Appli
37	829	47.9	342	16	US-10-723-955-34 Sequence 34, Appli
38	829	47.9	342	16	US-10-782-596-32 Sequence 32, Appli
39	829	47.9	342	16	US-10-741-601-310 Sequence 310, App
40	829	47.9	342	16	US-10-741-601-311 Sequence 311, App
41	829	47.9	342	16	US-10-757-262-72 Sequence 72, Appli
42	828	47.8	342	9	US-09-964-008-3 Sequence 3, Appli
43	816	47.1	315	10	US-09-745-842-4 Sequence 4, Appli
44	807	46.6	343	10	US-09-745-842-2 Sequence 2, Appli
45	777	44.9	325	14	US-10-024-494-29 Sequence 29, Appli

ALIGNMENTS

RESULT 1

US-09-924-125-2
; Sequence 2, Application US/09924125
; Publication No. US20030050235A1
; GENERAL INFORMATION:
; APPLICANT: Communi, Didier
; TITLE OF INVENTION: THE NATURAL LIGAND FOR ORPHAN G PROTEIN COUPLED RECEPTOR GPR86 AI
; TITLE OF INVENTION: METHODS OF USE
; FILE REFERENCE: 9049/2092
; CURRENT APPLICATION NUMBER: US/09/924,125
; CURRENT FILING DATE: 2001-07-08
; PRIOR APPLICATION NUMBER: US 09/924,125
; PRIOR FILING DATE: 2001-07-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-924-125-2

Query Match	100.0%	Score 1731;	DB 10;	Length 333;
Best Local Similarity	100.0%;	Pred. No. 7.9e-145;		
Matches 333;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MNTVMQGFNRSEPCRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY	60	
Db	1	MNTVMQGFNRSEPCRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY	60	
Qy	61	LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFCRFSSVIFYETMYGVILGLIAFDR	120	
Db	61	LKNTLVADLIMTLMPFKILSDSHLAPWQLRAFCRFSSVIFYETMYGVILGLIAFDR	120	
Qy	121	FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKCASLKGPL	180	
Db	121	FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKCASLKGPL	180	

QY 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSTFIY 60
Db 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSTFIY 60
QY 61 LKNTLVADLIMTLMPEKILSDSHLAPWQLRAFCVCRFSSVIFVETMYVGVLLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPEKILSDSHLAPWQLRAFCVCRFSSVIFVETMYVGVLLGLIAFDR 120
QY 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKCASLKGPL 180
Db 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKCASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKEGKVFVV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKEGKVFVV 240
QY 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLQNQLFIKETTFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLQNQLFIKETTFLAATNICMDPLIYIFLC 300
QY 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333
Db 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333

RESULT 5

US-10-352-684A-34
; Sequence 34, Application US/10352684A
; Publication No. US20030215452A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals Inc.
; APPLICANT: Carroll, Joseph M.
; APPLICANT: Healy, Aileen
; APPLICANT: Weich, Nadine S.
; APPLICANT: Kelly, Louise M.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TITLE OF INVENTION: HEMATOLOGICAL DISORDERS USING 131, 148, 199, 12303, 13906,
; TITLE OF INVENTION: 15513, 17822, 302, 5677, 194, 14393, 28059, 7366, 12212,
; TITLE OF INVENTION: 1981, 261, 12416, 270, 1410, 137, 1871, 13051, 1847, 1849,
; TITLE OF INVENTION: 15402, 340, 10217, 837, 1761, 8990 OR 13249 MOLECULES
; FILE REFERENCE: MPI02-019P1RNMNIM
; CURRENT APPLICATION NUMBER: US/10/352,684A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/354,333
; PRIOR FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: US 60/360,258
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/364,476
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US 60/375,626
; PRIOR FILING DATE: 2002-04-26
; PRIOR APPLICATION NUMBER: US 60/386,494
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/390,965
; PRIOR FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: US 60/392,480
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/394,128
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 60/399,783
; PRIOR FILING DATE: 2002-07-31
; PRIOR APPLICATION NUMBER: US 60/403,221
; PRIOR FILING DATE: 2002-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-352-684A-34

Query Match 100.0%; Score 1731; DB 15; Length 333;
Best Local Similarity 100.0%; Pred. No. 7.9e-145;
Matches 333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSTFIY 60
Db 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSTFIY 60
QY 61 LKNTLVADLIMTLMPEKILSDSHLAPWQLRAFCVCRFSSVIFVETMYVGVLLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPEKILSDSHLAPWQLRAFCVCRFSSVIFVETMYVGVLLGLIAFDR 120
QY 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKCASLKGPL 180
Db 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKCASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKEGKVFVV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVDSYRKSCKDRKNNKKEGKVFVV 240
QY 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLQNQLFIKETTFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHARVPYTHSQTNKNTDCLQNQLFIKETTFLAATNICMDPLIYIFLC 300
QY 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333
Db 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333

RESULT 6

US-10-308-968-2
; Sequence 2, Application US/10308968
; Publication No. US20040005629A1
; GENERAL INFORMATION:
; APPLICANT: Euroscreen, s.a.
; APPLICANT: Communi, Didier
; APPLICANT: Suarez, Nathalie
; APPLICANT: Dethoux, Michel
; APPLICANT: Brezillon, Stephane
; APPLICANT: Lannoy, Vincent
; APPLICANT: Parmentier, Marc
; APPLICANT: Boeynaems, Jean-Marie
; TITLE OF INVENTION: THE NATURAL LIGAND FOR ORPHAN G PROTEIN COUPLED RECEPTOR GPR86
; TITLE OF INVENTION: AND METHODS OF USE
; FILE REFERENCE: 9049/2095
; CURRENT APPLICATION NUMBER: US/10/308,968
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US 09/924,125
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: PCT/EP02/08761
; PRIOR FILING DATE: 2002-08-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-308-968-2

Query Match 100.0%; Score 1731; DB 15; Length 333;
Best Local Similarity 100.0%; Pred. No. 7.9e-145;
Matches 333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSTFIY 60
Db 1 MNTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSTFIY 60
QY 61 LKNTLVADLIMTLMPEKILSDSHLAPWQLRAFCVCRFSSVIFVETMYVGVLLGLIAFDR 120
Db 61 LKNTLVADLIMTLMPEKILSDSHLAPWQLRAFCVCRFSSVIFVETMYVGVLLGLIAFDR 120
QY 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKCASLKGPL 180
Db 121 FLKIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPMILSNKEATPSSVKKCASLKGPL 180

Db 121 FLKIIRPLRNIFLKPPVFAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVKYDSYRKSCKDRKNNKKLEGVFVV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVKYDSYRKSCKDRKNNKKLEGVFVV 240
QY 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
QY 301 KKFEKLPQMGRKTTASSQENHSSQTDNITLG 333
Db 301 KKFEKLPQMGRKTTASSQENHSSQTDNITLG 333

RESULT 7

US-10-781-581-179
; Sequence 179, Application US/10781581
; Publication No. US20050019746A1
; GENERAL INFORMATION:
; APPLICANT: Eirx Therapeutics Ltd.
; APPLICANT: Seery, Liam
; APPLICANT: Hayes, Ian
; APPLICANT: Murphy, Finbarr
; TITLE OF INVENTION: Apoptosis-Related Kinase/GPCRs
; FILE REFERENCE: 8912/2015
; CURRENT APPLICATION NUMBER: US/10/781,581
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: US 10/764,238
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/457,533
; PRIOR FILING DATE: 2003-03-25
; PRIOR APPLICATION NUMBER: UK 0301566.6
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-781-581-179

Query Match 100.0%; Score 1731; DB 17; Length 333;
Best Local Similarity 100.0%; Pred. No. 7.9e-145;
Matches 333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNTVMQGFNRSERCPDRTRIVQLVFPALYVVVFLTGILLNTLALWVFPVHIPSSSTFIY 60
Db 1 MNTVMQGFNRSERCPDRTRIVQLVFPALYVVVFLTGILLNTLALWVFPVHIPSSSTFIY 60
QY 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVILGLIAFDR 120
Db 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVILGLIAFDR 120
QY 121 FLKIIRPLRNIFLKPPVFAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
Db 121 FLKIIRPLRNIFLKPPVFAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVKYDSYRKSCKDRKNNKKLEGVFVV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVKYDSYRKSCKDRKNNKKLEGVFVV 240
QY 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
QY 301 KKFEKLPQMGRKTTASSQENHSSQTDNITLG 333
Db 301 KKFEKLPQMGRKTTASSQENHSSQTDNITLG 333

RESULT 8

US-09-769-159-2

; Sequence 2, Application US/09769159
; Patent No. US20010021509A1
; GENERAL INFORMATION:
; APPLICANT: SATHE, GANESH M.
; APPLICANT: HALSEY, WENDY S.
; APPLICANT: CHAMBERS, JON
; APPLICANT: MUIR, ALISON
; APPLICANT: SZEKERES, PHILIP
; TITLE OF INVENTION: METHODS OF SCREENING FOR AGONISTS AND
; TITLE OF INVENTION: ANTAGONISTS OF THE HNEAA81 RECEPTOR
; FILE REFERENCE: GH-70318-D3
; CURRENT APPLICATION NUMBER: US/09/769,159
; CURRENT FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 08/956,975
; PRIOR FILING DATE: 1997-10-23
; PRIOR APPLICATION NUMBER: 09/221,456
; PRIOR FILING DATE: 1998-12-28
; PRIOR APPLICATION NUMBER: 09/558,740
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 333
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-769-159-2

Query Match 99.7%; Score 1725; DB 9; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNTVMQGFNRSERCPDRTRIVQLVFPALYVVVFLTGILLNTLALWVFPVHIPSSSTFIY 60
Db 1 MNTVMQGFNRSERCPDRTRIVQLVFPALYVVVFLTGILLNTLALWVFPVHIPSSSTFIY 60
QY 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVILGLIAFDR 120
Db 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFVCRFSSVIFYETMYVGVILGLIAFDR 120
QY 121 FLKIIRPLRNIFLKPPVFAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
Db 121 FLKIIRPLRNIFLKPPVFAKTVSIFIWFFLFFISLPNTILSNKEATPSSVKKCASLKGPL 180
QY 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVKYDSYRKSCKDRKNNKKLEGVFVV 240
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVKYDSYRKSCKDRKNNKKLEGVFVV 240
QY 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
Db 241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
QY 301 KKFEKLPQMGRKTTASSQENHSSQTDNITLG 333
Db 301 KKFEKLPQMGRKTTASSQENHSSQTDNITLG 333

RESULT 9

US-09-875-076-18
; Sequence 18, Application US/09875076
; Publication No. US20030017528A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Ruoping
; APPLICANT: Dang, Huong T.
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lin, I-Lin
; TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
; FILE REFERENCE: AREN0050
; CURRENT APPLICATION NUMBER: US/09/875,076
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 09/417,044
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: 60/120,416
; PRIOR FILING DATE: 1999-02-16


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; PRIOR APPLICATION NUMBER: 60/157,281
; PRIOR FILING DATE: 1999-10-01
; PRIOR APPLICATION NUMBER: 60/157,282
; PRIOR FILING DATE: 1999-10-01
; PRIOR APPLICATION NUMBER: 60/156,633
; PRIOR FILING DATE: 1999-09-29
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-876-252-20

Query Match      99.7%; Score 1725; DB 10; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
   |||||
Db 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
   |||||

Qy 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120
   |||||
Db 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120
   |||||

Qy 121 FLKIIRPLRNIFLKVPFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
   |||||
Db 121 FLKIIRPLRNIFLKVPFAKTVSIFWFFLFFISLPNTILSNKEATPSSVKKCASLKGPL 180
   |||||

Qy 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKKLEGKVFVV 240
   |||||
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKKLEGKVFVV 240
   |||||

Qy 241 AVFFVCFAPFHFARVPYTHSQTNKNTDCRLQNLFIKETTFLAATNICMDPLIYIFLC 300
   |||||
Db 241 AVFFVCFAPFHFARVPYTHSQTNKNTDCRLQNLFIKETTFLAATNICMDPLIYIFLC 300
   |||||

Qy 301 KKFTKLPQCMQGRKTTASSQENHSSQTDNITLG 333
   |||||
Db 301 KKFTKLPQCMQGRKTTASSQENHSSQTDNITLG 333
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RESULT 11
US-10-272-983-18
; Sequence 18, Application US/10272983
; Publication No. US20030148450A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Ruoping
; APPLICANT: Dang, Huong T.
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lin, I-Lin
; TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
; FILE REFERENCE: AREN0050
; CURRENT APPLICATION NUMBER: US/10/272,983
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US/09/417,044
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: 60/109,213
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/120,416
; PRIOR FILING DATE: 1999-02-16
; PRIOR APPLICATION NUMBER: 60/121,851
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 60/123,946
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/123,949
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/136,436
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/136,437
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/136,439
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; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/136,567
; PRIOR FILING DATE: 1999-05-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-272-983-18

Query Match      99.7%; Score 1725; DB 14; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
   |||||
Db 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
   |||||

Qy 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120
   |||||
Db 61 LKNTLVADLIMTLMFPKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120
   |||||

Qy 121 FLKIIRPLRNIFLKVPFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
   |||||
Db 121 FLKIIRPLRNIFLKVPFAKTVSIFWFFLFFISLPNTILSNKEATPSSVKKCASLKGPL 180
   |||||

Qy 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKKLEGKVFVV 240
   |||||
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKKLEGKVFVV 240
   |||||

Qy 241 AVFFVCFAPFHFARVPYTHSQTNKNTDCRLQNLFIKETTFLAATNICMDPLIYIFLC 300
   |||||
Db 241 AVFFVCFAPFHFARVPYTHSQTNKNTDCRLQNLFIKETTFLAATNICMDPLIYIFLC 300
   |||||

Qy 301 KKFTKLPQCMQGRKTTASSQENHSSQTDNITLG 333
   |||||
Db 301 KKFTKLPQCMQGRKTTASSQENHSSQTDNITLG 333
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RESULT 12
US-10-393-807-18
; Sequence 18, Application US/10393807
; Publication No. US20030175891A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Ruoping
; APPLICANT: Dang, Huong T.
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lin, I-Lin
; TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
; FILE REFERENCE: AREN0050
; CURRENT APPLICATION NUMBER: US/10/393,807
; CURRENT FILING DATE: 2003-03-21
; PRIOR APPLICATION NUMBER: US/09/417,044
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: 60/109,213
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/120,416
; PRIOR FILING DATE: 1999-02-16
; PRIOR APPLICATION NUMBER: 60/121,851
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 60/123,946
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/123,949
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/136,436
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/136,437
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/136,439
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/136,567
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; PRIOR FILING DATE: 1999-05-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-393-807-18

Query Match 99.7%; Score 1725; DB 14; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
|
Db 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
|
Qy 61 LKNTLVADLIMTLMLPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVIGIVLLGLIAFDR 120
|
Db 61 LKNTLVADLIMTLMLPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVIGIVLLGLIAFDR 120
|
Qy 121 FLKIIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKASLKGPL 180
|
Db 121 FLKIIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNTILSNKEATPSSVKKASLKGPL 180
|
Qy 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKLEGGKVFVV 240
|
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKLEGGKVFVV 240
|
Qy 241 AVFFVCFAPEHFAFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
|
Db 241 AVFFVCFAPEHFAFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
|
Qy 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333
|
Db 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333
|

RESULT 13
US-10-408-572-2
; Sequence 2, Application US/10408572
; Publication No. US20030215878A1
; GENERAL INFORMATION:
; APPLICANT: EISHINGDRELO, Haifeng
; APPLICANT: KUNZWEILER, Theresa
; APPLICANT: WEISSENSEE, Paul
; APPLICANT: CAI, Jidon
; APPLICANT: GASSENHUBER, Johann
; TITLE OF INVENTION: A NOVEL G PROTEIN-COUPLED PURINERGIC RECEPTOR, GAVE17
; FILE REFERENCE: USAV2002/0014 USNP
; CURRENT APPLICATION NUMBER: US/10/408,572
; CURRENT FILING DATE: 2003-04-07
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: GB0226102.2
; PRIOR FILING DATE: 2002-11-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-572-2

Query Match 99.7%; Score 1725; DB 15; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
|
Db 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
|

Qy 61 LKNTLVADLIMTLMLPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVIGIVLLGLIAFDR 120
|
Db 61 LKNTLVADLIMTLMLPFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVIGIVLLGLIAFDR 120
|
Qy 121 FLKIIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNMILSNKEATPSSVKKASLKGPL 180
|
Db 121 FLKIIIRPLRNIFLKKPVFAKTVSIFWFFLFFISLPNTILSNKEATPSSVKKASLKGPL 180
|
Qy 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKLEGGKVFVV 240
|
Db 181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKSCKDRKNNKLEGGKVFVV 240
|
Qy 241 AVFFVCFAPEHFAFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
|
Db 241 AVFFVCFAPEHFAFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
|
Qy 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333
|
Db 301 KKFTKLPQMGRKTTASSQENHSSQTDNITLG 333
|

RESULT 14
US-10-417-820A-20
; Sequence 20, Application US/10417820A
; Publication No. US20030229216A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Ruoping
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lowitz, Kevin
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Behan, Dominic P.
; TITLE OF INVENTION: Constitutively Activated Human G Protein Coupled
; TITLE OF INVENTION: Receptors
; FILE REFERENCE: 7.US28.CON
; CURRENT APPLICATION NUMBER: US/10/417,820A
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 09/416,760
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: 09/170,496
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: 60/110,060
; PRIOR FILING DATE: 1998-11-27
; PRIOR APPLICATION NUMBER: 60/120,416
; PRIOR FILING DATE: 1999-02-16
; PRIOR APPLICATION NUMBER: 60/121,852
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 60/109,213
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/123,944
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/123,945
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/123,948
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/123,951
; PRIOR FILING DATE: 1999-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 155
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-417-820A-20

Query Match 99.7%; Score 1725; DB 15; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
|
Db 1 MNTTVMQGFNRSERCPRDTRIVQLVFPALYTVVFLTGILLNTLALWVFVHIPSSSTFIY 60
|


```
QY      61 LKNTLVADLIMTLMPEFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120
Db      61 LKNTLVADLIMTLMPEFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120

QY     121 FLKIIIRPLRNIFLKPPVFPAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
Db     121 FLKIIIRPLRNIFLKPPVFPAKTVSIFIWFFLFFISLPNTILSNKEATPSSVKKCASLKGPL 180

QY     181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKS KSKDRKNNKKLEGKVFVVV 240
Db     181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKS KSKDRKNNKKLEGKVFVVV 240

QY     241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
Db     241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300

QY     301 KKFTKLPCCMQGRKTTASSQENHSSQTDNITLG 333
Db     301 KKFTKLPCCMQGRKTTASSQENHSSQTDNITLG 333
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Job time : 135 secs

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RESULT 15
US-10-343-650A-78
; Sequence 78, Application US/10343650A
; Publication No. US20040067499A1
; GENERAL INFORMATION:
; APPLICANT: HAGA, TATSUYA
; TITLE OF INVENTION: NOVEL G-PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: 31671-186347
; CURRENT APPLICATION NUMBER: US/10/343,650A
; PRIOR FILING DATE: 2003-07-21
; PRIOR APPLICATION NUMBER: JP 2000/237818
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: JP 2001/34434
; PRIOR FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 694
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-343-650A-78
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Query Match      99.7%; Score 1725; DB 15; Length 333;
Best Local Similarity 99.7%; Pred. No. 2.7e-144;
Matches 332; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MNTTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSSTFIY 60
Db      1 MNTTVMQGFNRSECRDTRIVQLVFPALYTVVFLTGILLNTLALWVHVHIPSSSTFIY 60

QY     61 LKNTLVADLIMTLMPEFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120
Db     61 LKNTLVADLIMTLMPEFKILSDSHLAPWQLRAFCVCRFSSVIFYETMYVGIVLLGLIAFDR 120

QY     121 FLKIIIRPLRNIFLKPPVFPAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPL 180
Db     121 FLKIIIRPLRNIFLKPPVFPAKTVSIFIWFFLFFISLPNTILSNKEATPSSVKKCASLKGPL 180

QY     181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKS KSKDRKNNKKLEGKVFVVV 240
Db     181 GLKWHQMVNNICQIFWTVFILMLVFYVVIKVVYDSYRKS KSKDRKNNKKLEGKVFVVV 240

QY     241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
Db     241 AVFFVCFAPFHFARVPYTHSQTNKTDCLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300

QY     301 KKFTKLPCCMQGRKTTASSQENHSSQTDNITLG 333
Db     301 KKFTKLPCCMQGRKTTASSQENHSSQTDNITLG 333
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